Doosan

Doosan Lathe

Memo

1-Turn as per Folio FA577

Dwg <del>D3453</del> Rev: \*\*\* 2- Deburr as per dwg D3453

150

QC2- Inspect parts off machine FAI/FAIB

0.00

0.00

QC Quality Control Memo

0.00

29 11.6.28

Page 1

Insp.

160

Quality Control

QC8- Inspect parts - second check

Memo

0.00

0.00

106/29

Rp 11.6.28

<b>-</b> a	Johnoo								
W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									·
Part No:		PAR #:	Fault Cat	egory:	NCR: Yes No DQA: Date:				
Resolution:			Dispositi	on:	_ QA: N/C	Closed:		Date: _	·
NCR:		V	VORK ORI	DER NON-CONFORM	ANCE (NC	R)			- 7
DATE	STEP	Description of NC	Description of NC			Verif	cation	Approval	Approval
	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sigr Dat		tion C	Chief Eng	QC Inspector
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### Work Order ID 71203

Page 2

Thursday, June 23, 2011 1:12:47 PM

Item	ID:
------	-----

**Revision ID:** 

D3453-1

Accept



Setup Start



Stop

Clevis Item Name: **Start Date:** 

Required Date: 7/6/2011

6/23/2011

Start Qty: 4.00 Req'd Qty: 4.00

**Cust Item ID: Customer:** 

Tool ID

Reference:

Approvals:

Process Plan:

Date:

**Tooling:** 

Date:

Start

Run



Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ **Work Center ID** 

170

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location:\_\_\_\_\_

Set Up/ **Run Hours** 

0.00

0.00

Tool # Plan

Accept Qty Code

Reject

Reject Insp. Number

Stamp

180

0.00

Quality Control

QC21- Final Inspection - Work Order Release

Memo

Memo

0.00

		,							
W/O:			W	ORK ORDER CHANGI	ES				
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date Q	ty Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Cat	egory:	NCR: Yes	No DQA: _	Date:		
					QA: N/C Closed: Date:				
NCR:		V	NORK ORI	DER NON-CONFORMA	NCE (NCR	<del>!)</del>			
DATE	STEP	Description of NC		Corrective Action Section		Verification	n Approval	Approval	
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector	
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### **Picklist Print**

Thursday, June 23, 2011 1:12:45 PM

Work Order ID: 71203

Parent Item:

D3453-1

Parent Item Name: Clevis



**Start Date:** 6/23/2011

Required Date: 7/6/2011

Page 1

Start Qty: 4.00

Required Qty: 4.00

Comments:

A□05.09.27□New issue□EC□

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304R1.250		Purchased	No			100	f	49.3300	0.288	1.152			
										7	11.	<u> - 28</u>	<b>&gt;</b>

304 round bar 1.250

Location	Loc Qty	Loc Code	
MAT029	49.33		
105872	12.33		
105872 108156 111018	12.33		<u>/</u>
111018	24.67		<u>.S</u>

W/O:			WC	ORK ORDER CHANG	ES				
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			· ·						
								÷	
Part No:		PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Dispositio	n:	_ QA: N/C C	losed:		Date: _	· ·
NCR:		· · · · · · · · · · · · · · · · · · ·	ORK ORD	ER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC	Corrective Action Section B			Verific	ation		Approval
	JILI	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Section C		Chief Eng	QC Inspector
	1915								
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DART AEROSPACE LTD	Work Order:	71202
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Description: Clevis	Part Number:	D3453-1
Inspection Dwg: D3453 Rev: B		Page 1 of 1

# FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.438	+0.006/-0.001	,441	,		RG .02	
R0.25	+/-0.030	2.25			9	
0.450	+/-0.010	453				
0.625	+/-0.010	. 625				
0.063 x 45°	+/-0.010 x 0.5°	.065				a. Santa
Ø0.129	+0.005/-0.001	.128				
3.26	+/-0.030	3.264			DO .02	:
1.00	+/-0.030	1.000			0	
1.550	+/-0.010	1.550				
0.500	+0.010/-0.000	. 504		_		
0.263 x 45°	+/-0.010 x 0.5°	.270×45	0			
R0.25	+/-0.010	.25				
Ø1.13	<del>±0.012/-0.00</del> 1	1.125				+/030
Ø0.500	+0.000/-0.005	.497			20,06	
					7	

Measured by:	Audited by:	27	Prototype Approval:	N/A
Date: 1 . C . 29	Date:	216/25	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	06.06.30	New Issue	KJ/JLM	
В	07.01.17	Dimensions added	KJ/JLM	
С	08.10.09	Diameter symbol removed from 0.500 dimension	KJ/DD 1	
D	09.11.04	Dimensions updated per Dwg Rev B	KJ KJ	1/2/

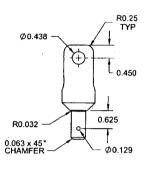
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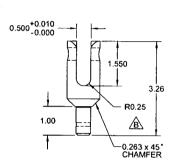
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W/O:			W	ORK ORDER CHANG	ES	<del></del>						
DATE	STEP	PF					Date	Qty	Approval Chief Eng / Prod Mgr	Approval		
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		•					•					
Part No:		PAR #:	Fault Cat	egory:	NCR: Yes No DQA: Da				Date:	ate:		
Resolution:												
NCR:			WORK OR	DER NON-CONFORMA	ANCE (N	ICR)						
DATE	STEP	Description of NC	Initial	tion B Verificat				Approval	Approval			
		Section A	Chief Eng	Action Description Chief Eng		on a Date	Section	on C	Chief Eng	QC Inspector		
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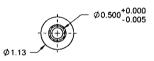
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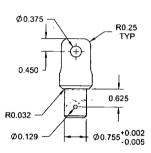


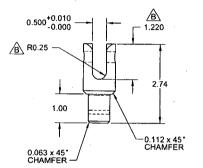
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#### **D3453-1 CLEVIS**

#### **D3453-3 CLEVIS**

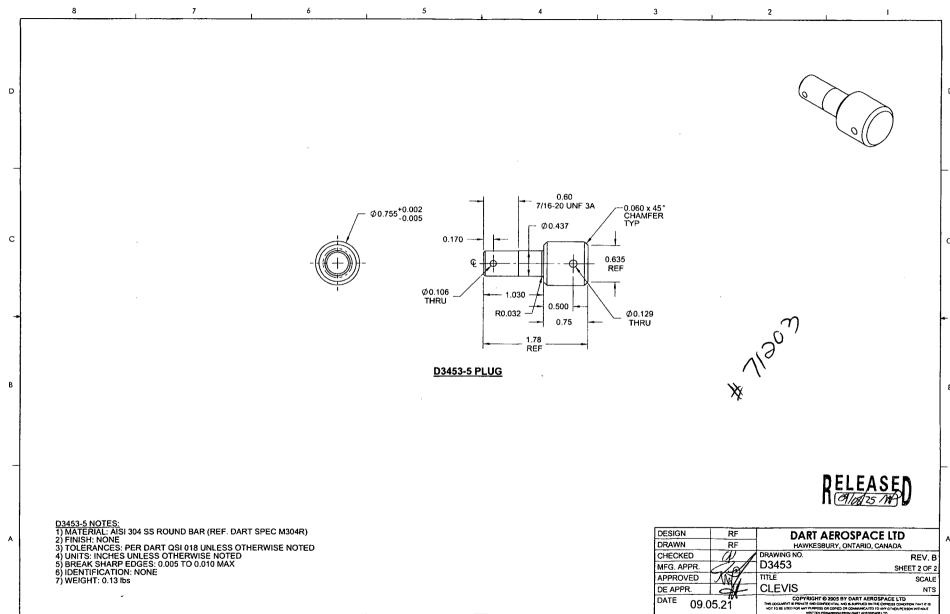
В	DRAWI WAS 0. REF PA	NG UPDATED T 050 (ZN C5-1, C R 09-018	O CURRENT STANDAR 2-1); 1.220 WAS 1.175	RDS; R0.25 (ZN D1-1);	RF	09.05.21	
Α	NEW IS	SUE			RF	05.09.02	
REV.			DESCRIPTION		BY	DATE	
DESIG	N	RF	DART	AEROSP.	ACE L	TD	
DRAW	DRAWN R		HAWKESBURY, ONTARIO, CANADA				
CHECK	(ED	100	DRAWING NO.			REV. B	
MFG. A	IPPR.	71	D3453			SHEET 1 OF 2	
APPRO	OVED	A Walt	TITLE			SCALE	
DE API	DE APPR.		CLEVIS			NTS	
DATE	09.0	5.21	THIS COCUMENT IS PRIVATE AND CO		ED ON THE EXPRES	S CONDITION THAT IT IS	

D3453-1/-3 NOTES:
1) MATERIAL: AISI 304 SS ROUND BAR (REF. DART SPEC M304R)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: D3453-1 = 0.41 lbs
D3453-3 = 0.41 lbs

D.

Dart Aerospace Li	td
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W/O:			WC	RK ORDER CHANG	GES					
DATE	STEP	PR	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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-										
Dort No		<b></b>					_			
Part No			Fault Category: NO							
Resolution:			Disposition	QA: N/C CI	osed:		Date:			
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NCF	<b>R</b> )				
DATE	STEP	Description of NC Section A		ction B	Verific	ation	Approval	Approval		
			Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Secti		Chief Eng	QC Inspector	
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W/O:		4	WO	RK ORDER CHANG	ES					. ,
DATE	STEP	PROCEDURE CHANGE			E	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Categ	ory:	_ NCR:	Yes N	lo <b>DQ</b>	A:	Date:	
			Disposition: Q/							
NCR:			WORK ORDE	R NON-CONFORMA	ANCE (	NCR)			-	
DATE	STEP	Description of NC	Corrective Action Section B			Ve		cation	Approval	Approval
	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Section C		Chief Eng	QC Inspector
				`						
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